

Figure 1. Typical CZT Pixel Response to 140 keV Gamma rays

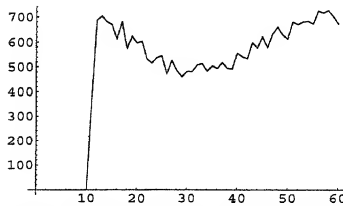


Figure 2. Spectrum of Single Compton Scattered Gammas from 140 keV Source - Energy Range 80-140 keV

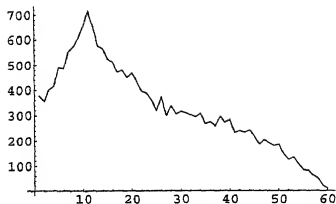


Figure 3. Spectrum of Twice Compton Scattered Gammas from 140 keV Source - Energy Range 80-140 keV

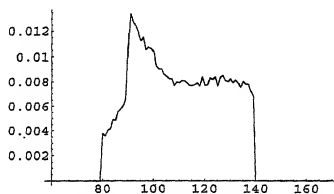


Figure 4. Sum Scatter Spectrum from 140 keV Source - Energy Range 80-140 keV, Integral Normalized to 0.78

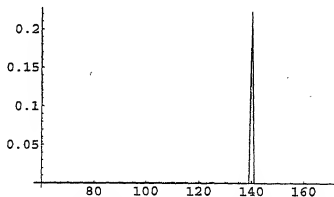


Figure 5. Monoenergetic 140 keV Source Spectrum - Integral Normalized to 0.22

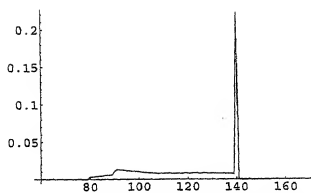


Figure 6. Total Spectrum of Gammas Emanating from a 10 cm Diameter Water Sphere- Energy Range 80-140 keV, Integral Normalized to 1.0

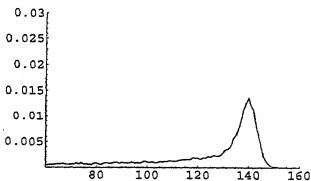


Figure 7. Unscattered Gamma Spectrum in CZT Integral Arbitrarily Normalized to 30%

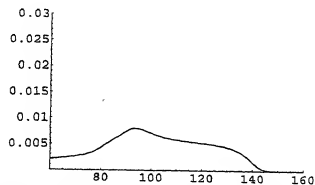


Figure 8. Scattered Gamma Spectrum in CZT Integral Arbitrarily Normalized to 70%

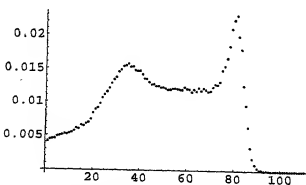


Figure 9. Composite Spectrum in CZT

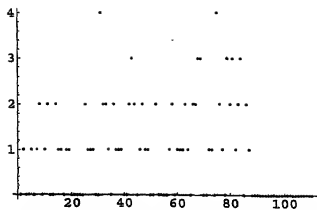


Figure 10. A Randomly Generated Spectrum of 100 Counts.

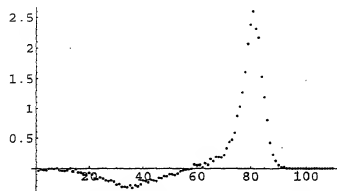


Figure 11. Plot of the Vector Corresponding to the Weights of the Unscattered Component

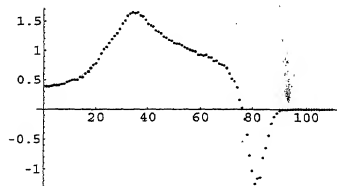


Figure 12. Plot of the Vector Corresponding to the Widths of the Scattered Component

